

WHAT IS CLAIMED IS:

1. A mail-order system for members by which a member purchases commodities by accessing a mail-order site side server through a network using such personal authentication information for authenticating a member as member identification information and a password,
5 comprising:

registration unit for registering physical characteristics of each said member in advance; and
processing unit responsive to application of
10 physical characteristics by a purchaser for comparing the applied physical characteristic information and the physical characteristic information registered at said registration unit to conduct authentication and determining whether connection to said mail-order site
15 side server through said network is allowed or not according to authentication results.

2. The mail-order system as set forth in claim 1, further comprising

a server for members for authenticating said member, wherein

5 said registration unit and said processing unit are provided at said server for members.

3. The mail-order system as set forth in claim 1,

further comprising

unit for enciphering said personal authentication
information and said physical characteristic information
so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered.

4. The mail-order system as set forth in claim 1,
further comprising

unit for enciphering said personal authentication
information and said physical characteristic information
so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered, wherein

said decoding unit decodes said personal
authentication information when results of
authentication of a purchaser's physical characteristics
applied at the purchase of a commodity and said
registered physical characteristics coincide with each
other.

5. The mail-order system as set forth in claim 1,
further comprising

unit for enciphering said personal authentication
information and said physical characteristic information

5 so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered, wherein

10 said decoding unit decodes said personal
authentication information when results of
authentication of a purchaser's physical characteristics
applied at the purchase of a commodity and said
registered physical characteristics coincide with each
other, and

15 said processing unit transmits said personal
authentication information decoded to said mail-order
site side server.

6. A mail-order system for members by which a member
makes a settlement for mail-ordering by accessing a
mail-order settlement server through a network using
such authentication information for authenticating a
5 card of a member who makes a settlement for mail-
ordering as identification information and a password,
comprising:

 registration unit for registering physical
characteristics of each said member in advance; and

10 processing unit responsive to application of
physical characteristics of one who makes a settlement
and to application of physical characteristics by a
purchaser for comparing the applied physical

characteristic information and the physical
15 characteristic information registered at said
registration unit to conduct authentication and
determining whether connection to said mail-order
settlement server through said network is allowed or not
according to authentication results.

20 7. The mail-order system as set forth in claim 6,
further comprising

a server for members for authenticating said
member, wherein

5 said registration unit and said processing unit
are provided at said server for members.

8. The mail-order system as set forth in claim 6,
further comprising

unit for enciphering said personal authentication
information and said physical characteristic information
5 so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered.

9. The mail-order system as set forth in claim 6,
further comprising

unit for enciphering said personal authentication
information and said physical characteristic information

5 so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered, wherein

said decoding unit decodes said personal
10 authentication information when results of
authentication of physical characteristics of one who
makes a settlement applied at the settlement of mail-
ordering and said registered physical characteristics
coincide with each other.

15 10. The mail-order system as set forth in claim 6,
further comprising

unit for enciphering said personal authentication
information and said physical characteristic information
5 so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered, wherein

said decoding unit decodes said personal
10 authentication information when results of
authentication of physical characteristics of one who
makes a settlement applied at the settlement of mail-
ordering and said registered physical characteristics
coincide with each other, and

15 said processing unit transmits said personal
authentication information decoded to said mail-order

settlement server.

11. An Internet connection system enabling connection to at least one of contracted providers by member's access to the Internet through a network using such personal authentication information for authenticating a member as member identification information and a password, comprising:

registration unit for registering physical characteristics of each said member in advance, and processing unit responsive to application of physical characteristics by one who makes a connection for comparing the applied physical characteristic information and the physical characteristic information registered at said registration unit to conduct authentication and determining whether connection to said provider through said network is allowed or not according to authentication results.

12. The Internet connection system as set forth in claim 11, further comprising

a server for members for authenticating said member, wherein

said registration unit and said processing unit are provided at said server for members.

13. The Internet connection system as set forth in

claim 11, further comprising

unit for enciphering said personal authentication
information and said physical characteristic information
so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered.

14. The Internet connection system as set forth in
claim 11, further comprising

unit for enciphering said personal authentication
information and said physical characteristic information
so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered, wherein

said decoding unit decodes said personal
authentication information when results of
authentication of physical characteristics of one who
makes a connection applied at the connection and said
registered physical characteristics coincide with each
other.

15. The Internet connection system as set forth in
claim 11, further comprising

unit for enciphering said personal authentication
information and said physical characteristic information

5 so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered, wherein

10 said decoding unit decodes said personal
authentication information when results of
authentication of physical characteristics of one who
makes a connection applied at the connection and said
registered physical characteristics coincide with each
other, and

15 said processing unit transmits said personal
authentication information decoded to said provider.

16. A mail-ordering method for members by which a
member purchases commodities by accessing a mail-order
site side server through a network using such personal
authentication information for authenticating a member
5 as member identification information and a password,
comprising the steps of:

registering physical characteristics of each said
member in advance; and

10 in response to application of physical
characteristics by a purchaser, comparing the applied
physical characteristic information and the physical
characteristic information registered at said
registration unit to conduct authentication and
determining whether connection to said mail-order site

15 side server through said network is allowed or not
according to authentication results.

17. The mail-ordering method as set forth in claim 16,
further comprising the step of

enciphering said personal authentication
information and said physical characteristic information
5 so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered.

18. The mail-ordering method as set forth in claim 16,
further comprising the step of

enciphering said personal authentication
information and said physical characteristic information
5 so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered, wherein

said personal authentication information is
10 decoded when results of authentication of a purchaser's
physical characteristics applied at the purchase of a
commodity and said registered physical characteristics
coincide with each other.

19. The mail-ordering method as set forth in claim 16,

further comprising the step of

enciphering said personal authentication
information and said physical characteristic information
so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered, wherein

said personal authentication information is
decoded when results of authentication of a purchaser's
physical characteristics applied at the purchase of a
commodity and said registered physical characteristics
coincide with each other, and

said personal authentication information decoded
is transmitted to said mail-order site side server.

20. A mail-ordering method for members by which a
member makes a settlement for mail-ordering by accessing
a mail-order settlement server through a network using
such authentication information for authenticating a
card of a member who makes a settlement for mail-
ordering as identification information and a password,
comprising the steps of:

registering physical characteristics of each said
member in advance; and

in response to application of physical
characteristics of one who makes a settlement and to
application of physical characteristics by a purchaser

for comparing the applied physical characteristic
information and the physical characteristic information
15 registered at said registration unit to conduct
authentication and determining whether connection to
said mail-order settlement server through said network
is allowed or not according to authentication results.

21. The mail-ordering method as set forth in claim 20,
further comprising the step of

enciphering said personal authentication
information and said physical characteristic information
5 so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered.

22. The mail-ordering method as set forth in claim 20,
further comprising the step of

enciphering said personal authentication
information and said physical characteristic information
5 so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered, wherein

said personal authentication information is
10 decoded when results of authentication of physical
characteristics of one who makes a settlement applied at

the settlement of mail-ordering and said registered physical characteristics coincide with each other.

23. The mail-ordering method as set forth in claim 20, further comprising the step of

enciphering said personal authentication information and said physical characteristic information so as to be in correlation with each other and registering the enciphered information at said registration unit, and reading and decoding said information enciphered, wherein

said personal authentication information is decoded when results of authentication of physical characteristics of one who makes a settlement applied at the settlement of mail-ordering and said registered physical characteristics coincide with each other, and

said personal authentication information decoded is transmitted to said mail-order settlement server.

24. An Internet connection method enabling connection to at least one of contracted providers by member's access to the Internet through a network using such personal authentication information for authenticating a member as member identification information and a password, comprising the steps of:

registering physical characteristics of each said member in advance; and

in response to application of physical
10 characteristics by one who makes a connection, comparing
the applied physical characteristic information and the
physical characteristic information registered at said
registration unit to conduct authentication and
determining whether connection to said provider through
15 said network is allowed or not according to
authentication results.

25. The Internet connection method as set forth in
claim 24, further comprising the step of
enciphering said personal authentication
information and said physical characteristic information
5 so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered.

26. The Internet connection method as set forth in
claim 24, further comprising the step of
enciphering said personal authentication
information and said physical characteristic information
5 so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered, wherein
said personal authentication information is

10 decoded when results of authentication of physical
characteristics of one who makes a connection applied at
the connection and said registered physical
characteristics coincide with each other.

27. The Internet connection method as set forth in
claim 24, further comprising the step of

 enciphering said personal authentication
information and said physical characteristic information
5 so as to be in correlation with each other and
registering the enciphered information at said
registration unit, and reading and decoding said
information enciphered, wherein

 said personal authentication information is
10 decoded when results of authentication of physical
characteristics of one who makes a connection applied at
the connection and said registered physical
characteristics coincide with each other, and

 said personal authentication information decoded
15 is transmitted to said provider.